COSMETIC COMPOSITIONS WITH HIGH VISCOSITY FOR FEMALE BREAST CARE CONTAINING RIGELIA EXTRACT

~~NEW COSMETIC COMPOUNDS WITH HIGH VISCOSITY MEANT FOR SKIN APPLICATION~~

The present invention relates to cosmetics and more particularly to compounds intended for female bust care.

More specifically, its object is new compounds with high viscosity meant to be applied to the skin directly or indirectly by means of a piece of adhesive cloth, attached to an item of ladies' wear.

It concerns in particular new cosmetic compounds for impregnating or coating textile articles, notably items of lingerie or hosiery, especially natural or synthetic fabrics, woven or unwoven, and containing as active element, hormonal preparations of vegetable origin.

The invention relates to cosmetic compounds with an aesthetic effect, characterised by including one or more plant extracts with an estrogen-like action and an extract from the plant Kigelia africana (Bignoniaceous) or Kigelia pinnata in an adhesive support that is pharmacologically inert, the whole being of a fluid viscous consistency placed in store inside an adhesive porous dressing like those of the type transdermic devices.

In fact, it has been found that by placing an adhesive porous dressing on an item of ladies' clothing and in particular on an under-garment such as a brassiere, it was possible to ensure a regular and long-term release of the active ingredients contained in the plant extracts having an estrogen-like action. This effect is strengthened by the addition of an extract from Kigelia africana.

The literature indicates that a certain number of plants such as clover, hop, common ladies' mantle, sage and/or liquorice possess properties of the estrogen type, i.e. they show certain peripheral properties of estrogen hormones without however producing the central effects of hormones as for example the effects on secretion of pituitary

added topical compositions of a dispersing agent such as a non-ionic surfactant, for example a Tween or a Pluronic at a concentration spanning between 0.5 and 1.5%.

Topical preparations can also be added to with an extract of Kigelia africana, preferably the extract in water and butylene glycol (50-50%), at concentrations spanning between 5 to 20%. These compositions are moreover added to by hydrolysed wheat gluten at a concentration of 5 to 20%.
The content in water is of the order of 40 to 60% of the total volume.

Topical compositions are meant to be applied to the skin and notably the bust once to four times per day to produce the desired aesthetic effect.

The following examples illustrate the invention without however limiting it.

EXAMPLE I

Bust gel	
Acrylic copolymers marketed under the brand name Ultrez 10	~~0,90~~ 0.90
Extract of Kigelia africana in water/butylene glycol	8
Extract of clover	3
Flavosterone SB (extract of soya)	3
Hydrolysed wheat gluten	9
Polyethylene glycol/polypropylene glycol copolymer marketed under the name UCON 75H450	0.90
Tween 20 (polysorbate 20)	1
Transcutol	~~1,50~~ 1.50
Diazolidinylurea marketed under the name Germaben II	~~0,80~~ 0.80
Perfume of Passion fruit	~~0,70~~ 0.70
Water ad	100 g

EXAMPLE II

Bust gel

Extract of Kigelia africana in water/butylene glycol	10
Extract of clover	3
Flavosterone SB	4
Hydrolysed wheat gluten	15
Copolymer PEG/PPG 17/6	~~0,90~~ 0.90
Chitin	15
Acrylic copolymer marketed under the name Ultrez 10	~~0,90~~ 0.90
Transcutol	~~2,50~~ 2.50
Tween 20	1
Germaben II	~~0,8~~ 0.8
Perfume of Passion fruit	~~0,7~~ 0.7
Water ad	100 g

Extract of Kigelia africana is a plant extract in a mixture of butylene glycol (47%) and water (53%) with a preserving agent added (Phenonip 2,5%). It is a brown-red coloured liquid with a slight aroma. Its density at 20°C is 1,030 $\pm$ 0,020 and its refraction index is 1,395 $\pm$ 0,020. Its pH is 5,0 to 6,0. It is miscible in water and alcohol at 60%.

Kigelia africana extract includes steroid flavonoids and saponins. I Kg of extract corresponds to 1 Kg of fresh plant.